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OM nucleic - nucleic search, using sw model

Run on: July 21, 2001, 10:36:35 ; Search time 85.03 seconds
(without alignments)
6120.149 Million cell updates/sec

Title: US-09-587-111-4
Perfect score: 2809
Sequence: 1 ggctagcctctctgacaggy.....aaaaaaaaaaaaaaaaaaaaa 2809

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 317530 seqs, 92630169 residues

Total number of hits satisfying chosen parameters: 635060

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_NA:*
1: /cgn2_6/ptodata/2/ina/5A_COMB.seq:*
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5: /cgn2_6/ptodata/2/ina/PCTUS_COMB.seq:*
6: /cgn2_6/ptodata/2/ina/backfile1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	660.8	23.5	3500	US-09-197-636-7	Sequence 7, Appli
2	660.8	23.5	4803	US-09-197-636-1	Sequence 1, Appli
3	660	23.5	4803	US-09-197-636-3	Sequence 3, Appli
4	58.6	2.1	3489	US-08-728-323A-1	Sequence 1, Appli
5	58.6	2.1	32207	US-08-770-379-20	Sequence 20, Appli
6	58.6	2.1	32207	US-08-757-669A-20	Sequence 20, Appli
7	55.2	1.9	1297	US-08-727-688-9	Sequence 9, Appli
8	53.8	1.9	1522	US-09-413-574-1	Sequence 1, Appli
9	53.4	1.9	1641	US-08-300-903A-8	Sequence 8, Appli
10	52.8	1.9	255	US-08-727-688-4	Sequence 4, Appli
11	52	1.9	4931	US-08-726-320-2	Sequence 2, Appli
12	52	1.9	4931	US-09-208-716-2	Sequence 2, Appli
13	51.4	1.8	903	PCT-US95-06406A-21	Sequence 21, Appli
14	51.2	1.8	216	US-08-686-878A-34	Sequence 34, Appli
15	51.2	1.8	2158	US-07-602-608-1	Sequence 1, Appli
16	51.2	1.8	2158	US-08-261-578-1	Sequence 1, Appli
17	51.2	1.8	7218	US-08-232-463-14	Sequence 14, Appli
18	51	1.8	568	US-08-582-257-20	Sequence 20, Appli
19	51	1.8	568	US-08-582-258-20	Sequence 20, Appli
20	50.8	1.8	1772	US-08-960-022-13	Sequence 13, Appli
21	50.6	1.8	1098	US-09-248-335-35	Sequence 35, Appli
22	50.2	1.8	1391	US-08-261-662-1	Sequence 1, Appli
23	50.2	1.8	1391	PCT-US95-07752-1	Sequence 1, Appli
24	50.2	1.8	1420	US-08-909-965C-3	Sequence 3, Appli
25	50.2	1.8	1441	US-08-821-994-63	Sequence 63, Appli
26	50	1.8	1248	US-08-897-340-5	Sequence 5, Appli
27	50	1.8	1248	US-09-252-329-5	Sequence 5, Appli

28	50	1.8	3471	5	PCT-US93-00227-2	Sequence 2, Appli
29	49.8	1.8	140	1	US-08-628-417-5	Sequence 5, Appli
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31	49.8	1.8	1490	2	US-08-553-367A-5	Sequence 5, Appli
32	49.8	1.8	1490	4	US-09-295-306-5	Sequence 5, Appli
33	49.6	1.8	1858	2	US-08-909-965C-11	Sequence 11, Appli
34	49.4	1.8	289	1	US-08-341-368-3	Sequence 3, Appli
35	49.4	1.8	289	2	US-08-911-020-3	Sequence 3, Appli
36	49.4	1.8	972	1	US-07-915-943-1	Sequence 1, Appli
37	49.4	1.8	972	1	US-08-325-743-1	Sequence 1, Appli
38	49.4	1.8	2158	1	US-08-698-551-1	Sequence 1, Appli
39	49.4	1.8	2158	2	US-08-602-228-1	Sequence 1, Appli
40	49.4	1.8	2158	2	US-08-649-341A-1	Sequence 1, Appli
41	49.4	1.8	2158	2	US-08-494-440B-1	Sequence 1, Appli
42	49.4	1.8	2158	2	US-08-533-901B-1	Sequence 1, Appli
43	49.4	1.8	2158	2	US-08-839-032A-1	Sequence 1, Appli
44	49.4	1.8	2158	2	US-08-839-031A-1	Sequence 1, Appli
45	49.4	1.8	2158	5	PCT-US95-12724-1	Sequence 1, Appli

ALIGNMENTS

RESULT 1
US-09-197-636-7
Sequence 7, Application US/09197636
Patent No. 6239267
GENERAL INFORMATION:
APPLICANT: DUCKWORTH, DAVID
APPLICANT: HAYES, PHILIP
APPLICANT: MEADOWS, HELEN
APPLICANT: DAVIS, JOHN
TITLE OF INVENTION: NOVEL COMPOUNDS
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESS: Ratner & Prestia
STREET: P.O. Box 980
CITY: Valley Forge
STATE: PA
COUNTRY: US
ZIP: 19482-0980
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/197,636
FILING DATE: 23-NOV-1998
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: UK 9805137.8
FILING DATE: 12-MAR-1998
APPLICATION NUMBER: UK 9815791.0
FILING DATE: 21-JUL-1998
APPLICATION NUMBER: UK 9819278.4
FILING DATE: 03-SEP-1998
ATTORNEY/AGENT INFORMATION:
NAME: Prestia, Paul F
REGISTRATION NUMBER: 23,031
REFERENCE/DOCKET NUMBER: GP-30075
TELECOMMUNICATION INFORMATION:
TELEPHONE: 601-407-0700
TELEFAX: 610-407-0701
TELEX: 846169
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 3500 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-09-197-636-7

Query Match 23.5%; Score 660.8; DB 4; Length 3500;
 Best Local Similarity 61.1%; Pred. No. 2, 6e-135;
 Matches 1206; Conservative 0; Mismatches 732; Indels 36; Gaps 7;

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 QY 640 ctccagagatctgagcaagaccagaaatctaccagctccggaatacaagagggc 659
 DB 1260 CTCTCTCTCTCTGTGAGAGACCAAGAACCTCTCAACACAGATGCTTCAAGACCTT 1319
 QY 700 tccacagatgaagcgtgcgtgaaagcgtgtgtgaaccttaagagagagagcaatgccc 729
 DB 1320 GAACACAGGAGAACCTGTCTGTGTAAGACCATGTCTCAACCTGTGACAGCAGACAGAACCC 1379
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 QY 820 gccacgtgcaaatgactatctacagagcagagcgtctgacatcgcatgtgagaag 879
 DB 1440 GCCAGCTACAGGACAGCTACTCAAAAGGCGCAGACAGCACTGACATGCGCATGAGAGA 1499
 QY 880 aggaagctgcagctgtgtgaagctcctgtgtgagaatgagggcaatgtgca tgcgggggc 939
 DB 1500 CGGACATGGCCCTGGGAGCCCTCTGTGTGAGACAGGACAGACAGCTCCAGGCTGCCGCC 1559
 QY 940 tgcgcgcgtctctcagaagggccaag---ggaactgtcttaattcgtgtgagtaacc 966
 DB 1560 CATGGGAGACTCTTAAAGAAACCAAGGGCGCTGATCTTACTCTGCTGAACTGCC 1619
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 QY 1117 gtgatgatctcggaacaactcagctgagaacatgtgacatgtgtgacagcatgtatgag 1176
 DB 1740 GTGAGAGTGGCCGACAAACAGCGCCGACACAGAACTTTGTGACGAGCAATGTAATGAG 1199
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 DB 1800 ATTCTGATCTGGGGGCCAAACTGCAACCCGACCTGAAGCTTGAAGAGCTCACCAACAG 1859
 QY 1237 caagatctcagcgtctgaagcgtgcgcgcaagagagcaaga tcaagatttcagggcac 1296
 DB 1860 AAGGAGATGACGGCGCTGGCTGTGGACGTGGGACCGGAAGATCGGGGCTTGGGCTTAT 1319
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 DB 1920 ATTCTCAGGCGGAGATCCAGAGACCCGAGTGCAGAGCACTGTCCAGAAAGTTCCACGAG 1379
 QY 1351 tgggtatagagcgtctcgcggtgtgcgtgtatgaactggtctctgtgcaagctgtgag 1410
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 QY 1468 atgtgtcgttttgagcccttgaaacaactgctgagcggaatgga---tctgtcatc 1524
 DB 2100 ATGCTCTTGTGGAGCGCGTGAACCACTCTCAGAGACAAAGTGAGACAGATTCTGTCAG 2159
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 DB 2160 CGCATCTTCTACTTCAATTCCTGTGCTACTGCTGTACATGATCATCTTCAACCATGGCT 2219

QY 1585 gctaccatcagctaccctcgtgaagaagcagcgccctcaccctgaagcggaggttga 1644
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 QY 1705 ggcacgtgtgtgactctgagcgcgacagtgctcatcaggtctccgttcatcaagcagc 1764
 DB 2334 CGAGGATTCAGTATTTCTGCAAGAGCGGCCCTGATGAAGACCTGTTGTGAGACAGC 2393
 QY 1765 taactgaaatccctcctcctgtctccagggccctgtacacagtgatgtccaggtgtcgtgt 1824
 DB 2394 TACAGTGAATGTTTCTTCTTGTGAGTACCTTTCATGTGTGCGCAACCGTGTGCTGATC 2453
 QY 1825 tctcgtgcatcagatgtgtaacctgcccctgtgtgtgtcgtgctgtgtgtgtgtgtgt 1884
 DB 2454 TTCAGCCACCTCAAGAGATGTGTGGCTTCCATGTATTCCTCGGCTTGGGCTGGACC 2513
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 DB 2514 AACATGCTTACTACACCGCGGTTTCCAGATGAGGACATTAAGCCGTATGATAGAG 2573
 QY 1945 aaggtatcctgcggagacgtgcgtcgtctcctctctgatactactaagctctccttcggc 2004
 DB 2574 AAGATGATCTGTGAGACCGTGTGCGTTTCATGTTGTGTACGTCGTCCTTGTTCGGG 2633
 QY 2005 ttcgctgtgacctgtgtgagcgtgagccagagagctgtgcccgcgaagctcctaaagc 2064
 DB 2634 TTTTCCACACGGGTGTGAGCTGATTTGAAGACGGGAAGATGATCTCTGCGCTTGAG 2693
 QY 2065 cccaatgcacagagtcagtgagcccaatggaaggaagagagcaagagagcaagggggc 2124
 DB 2694 TCCACGTC-----GCACAGTGGCGGGGCGCTCCGTCAGAGCCCGCCGATAGC 2741
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 DB 2802 GACCTGTGAGTCTACTGAGAACTATGACTTCAAGGCTGTCTTCAATCTGCTGTGGCC 2861
 QY 2245 taagtgtctcctacacatcctcgtcgtcgaacatctcatcgcctcatgaagcagac 2304
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 QY 2365 ctggaagatggaagatgtcattgtgtgtgtgcaagaaag---cagggcgaggtgtgag 2421
 DB 2982 CTGGACACGGAAGAGCTTCTTAAGTGTATGAGGAAGGCTTCCGCTCAAGCAAGCTG 3041
 QY 2422 ctgacccgttgacactaagccagatgagcccgatgaagcgtgtgtgtgtgtgtgtgtgtgt 2481
 DB 3042 CTGCAAGTGGGGTACACACTGTATGAGAGAGACGATCAACCGGTGTGTCTTCAAGGTGAGC 3101
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RESULT 2
 US-09-197-636-1
 : Sequence 1, Application US/09197636
 : Patent No. 6239267
 : GENERAL INFORMATION:
 : APPLICANT: DUCKWORTH, DAVID
 : APPLICANT: HAYES, PHILIP

APPLICANT: MEADOWS, HELEN
 APPLICANT: DAVIS, JOHN
 TITLE OF INVENTION: NOVEL COMPOUNDS
 NUMBER OF SEQUENCES: 8
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Ratner & Prestia
 STREET: P.O. Box 980
 CITY: Valley Forge
 STATE: PA
 COUNTRY: US
 ZIP: 19482-0980
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS.
 SOFTWARE: FastSeq for Windows Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/197,636
 FILING DATE: 23-NOV-1998
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: UK 9805137.8
 FILING DATE: 12-MAR-1998
 APPLICATION NUMBER: UK 9815791.0
 FILING DATE: 21-JUL-1998
 APPLICATION NUMBER: UK 9819278.4
 FILING DATE: 03-SEP-1998
 ATTORNEY/AGENT INFORMATION:
 NAME: Prestia, Paul F
 REGISTRATION NUMBER: 23,031
 REFERENCE/DOCKET NUMBER: GP-30075
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 601-407-0700
 TELEFAX: 610-407-0701
 TELEX: 846169
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 4803 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: CDNA
 OS-09-197-636-1

Query Match	23.5%	Score 660.8	DB 4	Length 4803
Best Local Similarity	61.1%	Pred. No. 2.8e+135		
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Db 1200	TATGATCCCAAGAGTATCTTTGAAACCCCTGTCTCGAATTAATCGCAGAGATCTGGAGAC	1259		
QY 640	cttccagagtaactagcaagaccagcaagtaactccacgactcggaaatacacaagaggc	699		
Db 1260	CTGCTGCTCTTCTCTGACAGAGCAAGAAGCCTTCACAGAACAGAGTCTCAAAACCT	1319		
QY 700	tcacagagtaagaagctgcctcgtatgaagctgtcgttgaaccttaagacgaggtcaatgcc	759		
Db 1320	GAGAAAGGGAAGACCTGCTCTGTGAAACCATGTCTCAACCTGCACAGAGGAGAGAAACAC	1379		
QY 760	tgcaatctgcgaactgcgtcagatcgacaagagactcttgcaatcccaagcccttgtaaat	819		
Db 1380	ACCATCCCCCTGCTCTTGAGAGTCCCGCGGCAAAAGGAGACGCTTAAGAGGTTTGTCAAC	1439		
QY 820	gcccagatgcacagatgaactataccgaagggacacagcgtcttcacatcgcaactlgaaga	879		
Db 1440	GCCACGCTACAGGAGACGCTACTACAAAGGGCCAGACAGCACTGCACATGCGCATTCAGAGA	1499		
QY 880	aggagatctgcgaagtgtgtaagctcctcgtctggaagtgggccaatgtatcatatgccgggc	939		
Db 1500	CGCAACATGAGGCGCTGCTACCCCTCTCTGTGTGGGAAGCAGACGCTCAGGCTCGCGC	1559		

QY	940	tgggacgcctcttcacgaagggacgaag-----ggacttgcttattatgtggtaagtcac	996
Db	1560	CATGGGGACCTCTTTTAAGAAAAACCAAGGGCGGCGCTGGATTCTACTCCGTAACTGGCC	1619
QY	997	ctctctcttggccgcgtctgcaccaagcaatgggaatctgaagctaccctctctggagaacca	1056
Db	1620	CTGTGCTCGTGGCGCGGTGCACCAACACCACTGGGCAATGTGAAGTTCTCGTGCAGAACTCC	1679
QY	1057	caccagccgcacgcctgcgaagccactgactctccagggacaacagtcctctgaagtccta	1116
Db	1680	TGGCGAGACGGCCGCAATCAGCGCCAGGAGCTCGGTGGCGAACCAGGTGCTGCAACCCCTG	1735
QY	1117	gtgatactctggagcaactcaagctgagaacaattgcaactggttgagcaagatagtatgaigt	1176
Db	1740	GTGAGAGTGGCGCGCAACACGCGCGAACAACAAGATTGTGTACGACGATTGTACATGAC	1799
QY	1177	ctctctcaagcttggagccgcctctgtccctacagcttgagacttgagatacatctcgcaacctg	1236
Db	1800	ATTCTGATCTCTGGGGGCCCAAACTGCACCCGACTGAAGCTGAGGAGGACTCAACCAAG	1855
QY	1237	caggaatctcaagcctctctgaaagcttggccgcaagagaggacaagatctgaattcttcagcac	1296
Db	1860	AAGGGAAATGAGCGCGCGTGGCTGTGGCAGCTGGGACCGGGAAGATCGGGTCTTTGGCCAT	1919
QY	1297	atcccgacgcggagat-----ctcagagactgagccacctctccgaaagtccacga	1350
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QY	1351	tgtgtactatggagcctgtccgagtgctgactgataagcctgtctctgtgacaagctgtgaag	1410
Db	1980	TGGGCTCTAGCGGCGCCGTGGCATCTCTCCCTGTAGACCTTGTCCGTACATCCAGCATCTGGCAG	2039
QY	1411	gagaactagagctgcggagatcatatgctcttcatctga---aggagccgacagcaacgga	1467
Db	2040	AAGAATCTGGGTGCTGGAGGTGATGCGCTTAAGACAGCAGCGAAGCCCTTAATGGCCACAGC	2099
QY	1468	atggtcgttttggagcccttgaaacaaactgctgcagggcgaatbtgga---ctgtctcatc	1524
Db	2100	ATGCTCTTGGTGGAGCGCGCTAACCCGACTCCTCAGAGCAAGGAGGACAGATTTCGTCAAG	2155
QY	1525	cocaagctctctttaaactctctgtgtaactctgatatctaaagttaatgttaacttaacgcgigt	1588
Db	2160	CGCATCTTCTACTTCAACTTCTCTGTGTTACTGCGCTGTACTGTATGATGTATCTTCAACATGGCT	2219
QY	1585	gcttaccactacgccttacccttgaagaagcaagccgcgcctcactcactgaaagcggaaagtltga	1644
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QY	1645	aactctacgtcgtcgtgaagggacaaatccttaacctctgtctaggggggaacttaacctctgty	1704
Db	2274	GACTATTTTCCAGATTACTGTGGAGAAATCTCTGTGTGTAGAGAGTCTTACTTCTTTTTC	2333
QY	1705	ggccagctgtgtactctctgcggcgccgaagctgttaactctgatactcgttctaaacgaac	1764
Db	2334	CGAGGGATTTCAGATTTTCCTGTGCAAGGCGGCGCTCATTAAGAACCTGTTTGTGGACAGC	2399
QY	1765	tacttgaatactctctctctgttctcagggccctgcacagtggtgtctccagtgctgtgt	1824
Db	2394	TACATGTGATGCTTTTCTTCTGTGCACTGCTATGCTGTGGCCACCCGTGTGCTGTAC	2453
QY	1825	tctccgagcaatcgaagtgigtacctgtccctctgtgtctctgtcggagtggtgtgggcgtgctg	1884
Db	2454	TTTCAACCACCTCAAGAGATATGTGTCTTCCATGTGTAATCTCCCTGGCTTGGGCTTGGACCC	2513
QY	1885	aacctgttactaataaagltgagcttctcagacaacagagcaactacagltgatagtacag	1944
Db	2514	AACAATGCTCTACTACACCCGGGGTTTCCACCAATGGGACATTAATCCCTCATGTGATPAG	2572
QY	1945	aaggtacatccctggggagcctgctgagcgttctctctgtactactagtcttctcttggcg	2004
Db	2574	AAGATGATCTGTGAAGACTGTGGCGTTTATGTGTGTCTTACTAATCCTCTTCTTGTGTTGGCG	2633
QY	2005	tctcgtgtagccctgtgtaagccttaagcgaagaagctctggcgcccgaaactctctacagc	2064

QY	1645	aactccatgcgcgcgcgaagggccacatctctatctcgtctagggggatcttaactccctcgtg	1704
Db	2220	GCCTACTCTCAAGGCC-----CGTGGAGGGCTTGCCTCCCTTTAAAGTGGGAAAAAATCGGA	2273
QY	1705	gcccagctcgtgtaactctcgtccggcgccacgctgtcatctcgtatcctcgtctcaatagacagc	1766
Db	2334	CGAGGAGATTCAAGTATTTTCCTCTGACAGAGCGGCCGCTCCATTAAGACCTGTTTGTGGACAC	2399
QY	1765	tacttgaacatcctctcctcgtcttccaggccctcctacagttggtcccaagtgtcgtcgt	1824
Db	2394	TACAACTGAGATGCTTTCTTTCTTCTGCACTCACTGTTATGCTGGCCACCGGTGGCTGTAC	2455
QY	1825	tctcgtgcacatcgagtggttlaactcgtccctcgtcctgtcgtcgtcgtgctgctgctgctgctg	1888
Db	2454	TTTCAACCCACTCAAGGAGTATGTGGCTTCCATGGTATTTCTCCCTGGCCCTTGGGCGTGAC	2513
QY	1885	aacctgccttactataacagtggtcttccaaacaacaggcatctaacagttgtcatgtatccag	1944
Db	2514	AACATGCTCTACTACACCCGGGGTTTCCACAAGATGGGCACTCATATGCCCTCATGTAAAG	2573
QY	1945	aaggtcactcgcgcggagacctcgtcgccttccctcgtatctaactagttctctctctcgc	2004
Db	2574	AAGATGATCTCTGACAGACCTGTGCCGCTTTATGTTGTCTACATCGCTCTTCTTGTTCGG	2633
QY	2005	tctcgtctagccctcgtgtgaactgaagcaagagctcttgccgcccaagctctctacagc	2064

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Db 2634 TTTTCCACACGGGTGGAGCGATGATTGAAGAGCGGAGGAATGATCCCTCCGCTCGAG 2693
Qy 2065 cccaatgccagagatcagtcagcccaatgaggaacaggaagagaggaagagagc 2124
Db 2694 TCCACGTC-----GCACAGGTGGCGGGGCTCTCCGACGAGCCCGGATAGC 2741
Qy 2125 caataagaggatcctcgaagacccctccttgagagctctcaaatccacalcagatggc 2184
Db 2742 TCCAGAACAGCTGTACTCCACTGCGCTGAGCTGTTCAGATTCAACATCGGCGATGGC 2801
Qy 2185 gaagtcgctcccaagagagcgcgcacattccggagatggtgctgctgcctggcc 2244
Db 2802 GACCTGGAGTTCACAGAACTATGATGATCAAGCCTGCTTCATCAATCCGCTGCGTGGCC 2861
Qy 2245 taagtcgctccacacacacccctcctgctcaacatgctacacccctcagagagagc 2304
Db 2862 TATGTATTTCTACCTACATCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 2921
Qy 2305 gtaacagatgctgcaactgcaagcctggaagcctggaagcctggaagcctcctctc 2364
Db 2922 GTCACACAGATGCGACAGAGAGACAGAACATCTGGAAGCTGCAAGAGCCATCACATC 2981
Qy 2365 ctgagagatggaagatgctcattggtgctgaggaagaag---cagcgagagtgatg 2421
Db 2982 CTGAGACAGGAGAGAGAGCTTCTTAAGTGCATGAGAGAGGCTTCGCTCAGCAAGCTG 3041
Qy 2422 ctacagcttgcaactaagcagagatggaagcgcgagatgagcgtgctcagagtgag 2481
Db 3042 CTCAGAGTGGGGTACACACTGATGGCAAGAGACGACTACCGGTGCTTCAGAGGTGGAC 3101
Qy 2482 gaagtgaaactggctcattcattggaagcagcgtgctcactgctgctgaggaagccg 2535
Db 3102 GAGGTGAAGTGAACCACTGGAACACCAACGTTGGGATCATCAAGAAAGCCG 3155

RESULT 3
; Sequence 3, Application US/09197636
; Patent No. 6239267
; GENERAL INFORMATION:
; APPLICANT: DUCKWORTH, DAVID
; APPLICANT: HATES, PHILIP
; APPLICANT: MEADOWS, HELEN
; APPLICANT: DAVIS, JOHN
; TITLE OF INVENTION: NOVEL COMPOUNDS
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Ratner & Prestia
; STREET: P.O. Box 980
; CITY: Valley Forge
; STATE: PA
; COUNTRY: US
; ZIP: 19482-0980
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FASTSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/197,636
; FILING DATE: 23-NOV-1998
; CLASSIFICATION:
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: UK 9805137.8
; FILING DATE: 12-MAR-1998
; APPLICATION NUMBER: UK 9815791.0
; FILING DATE: 21-JUL-1998
; APPLICATION NUMBER: UK 9819278.4
; FILING DATE: 03-SEP-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Prestia, Paul F
; REGISTRATION NUMBER: 23,031

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; REFERENCE/DOCKET NUMBER: GP-30075
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 601-407-0700
; TELEFAX: 610-407-0701
; TELEFAX: 846169
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 4803 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-09-197-636-3

Query Match      23.5%; Score 660; DB 4; Length 4803;
Best Local Similarity 61.0%; Pred. No. 4,2e-135;
Matches 1204; Conservative 2; Mismatches 732; Indels 36; Gaps 7;

Qy 580 tttaacagatcgcgtctcctcaatgctcctccggggtgtcccgagagatcgtgtga 639
Db 1200 TATGATCGCAGAGATATCTTTGAAGCCGTTGCTCAGAAATTAAGTCCAGATCTGAGAGC 1259
Qy 640 ctccagagatcctgagcaagaccagagatcctacccgactcgtgaatacagaagggc 699
Db 1260 CTGCTGCTCTCTCTCGAAGAGAGCAAGAGCAAGCACTTACAGACAGAGTTCAGAAAGCCCT 1319
Qy 700 tcaacagtaagaagcgtgctgaggaagcgtgctgtaacctaagaagagatcgaatgcc 759
Db 1320 GAGACAGGAGAGACCTGTGTGTAAGAGCCATCTAAGCTGACAGCAGGACAGAACACC 1379
Qy 760 tgatctcgcacatgctgagatcgaacagagacatcgtgaatcctcagccctgtgaat 819
Db 1380 ACCATCCCTCCCTGCTCTGAGATCGCGGCAAGCAGACAGCCTGAAGAGCTGTGCAAC 1439
Qy 820 gccacagtaacagatcattacagagccacagcgtcctgacatcgcattggaag 879
Db 1440 GCCRGCTACAGCAGAGAGTACTAAGAGGCCAGACAGCACTGACATCCCATCGAGAGA 1499
Qy 880 aggaagctcagtgatgagcctcgtgaggaagatgggccaatgtagcccgagcc 939
Db 1500 CGCAACATGGCCCTGCTGACCTCTGCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1559
Qy 940 tgcgcgcgtctctccagaagggccaag---ggactgcttattcgtgagtaacc 996
Db 1560 CATGGGAGACTTCTTTAAGAAACCAAGAGGCGGCTGTGATTCATCGGTGAAGTGGCC 1619
Qy 997 ctctcttgccgtctgcaacaaagcagtgagatgtagtaagctcctcctggaaccca 1056
Db 1620 CTGTCCCTGGCCCGCTGACACCAAGCTGGGCAATGATGTAAGTTCCTGCTGCAAGACTCC 1679
Qy 1057 caaccaagcccgagcctgcaagcactgctcccaaggaagaacagatcctgtagcccta 1116
Db 1680 TGCGACAGCGCCGACATCAACGCCAGGAGACTCGGTGGCAACAGGTGCTGACAGCCCTG 1739
Qy 1117 gtagatctcggaacaactcagctggaacatgcaactgctgtagccagcatgtagtgg 1176
Db 1740 GTGAGAGTGGCGGACAAACAGCGCGCAACACGAATTGTGACGAGCATGTCAATGAG 1799
Qy 1177 ctctcctaagctggggccgctctgacctacagctgcaagctgtagaatacgcgaactg 1236
Db 1800 ATTCTGATCTCGTGGGGCCAAACTGACCCGACGCTGAACCTGGAGAGGTCAACCAAG 1859
Qy 1237 caagatcagccctcgaagcctgagcgcgcaaggaaggaacatcgaatcttcaagcac 1296
Db 1860 AAGGGAATGAGCGCCGCTGCTGTGGAGCTGGGACCGGAGATCGGGGCTTTGGCGTAT 1919
Qy 1297 atctcgaagcggagatc-----tcaagactgagcacccttccgaaagtaccagag 1350
Db 1920 ATTCTCAGCGGGAGATCCAGAGAGCCGAGGTGAGAGCACTGTCCAGGAAGTTCAACGAG 1979
Qy 1351 tgggtcatgagcgtctccggggtgctgtagtacctgctgtagcaagcgtgtgag 1410

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Db	1980	TGGGCTACAGGAGCCCGNGCACTCTCGTGTAGAGCACTGCTCGATGAGACACCTGGAG	203
Oy	1411	gagaactcaagtctgtgagatcaltcccttcattgca---agagccgcacgcagaccca	1467
Db	2040	AAGAACTCGGTGGCGAGGGATCGGCTTCACAGCAGAGCAACCCCAATCGCACAC	2099
Oy	1468	atggtcttttggagcccccgaaacaactgcgtgcagcggaattgga---ctgtctac	1524
Db	2100	ATGCTTGTGGTGGAGCCGCTGAACCCACTCTCTGACAGACAATGGACAGATTGCTCAG	2159
Oy	1525	cccaagcttcttbaactcttcgtgtlaactgatatcatcatcttcaaccgctgt	1584
Db	2160	CGCATCTTCTACTCAACCTTCGtGtCTACTGCTGTACATGATCATCTCAACATGGCT	2219
Oy	1585	gctacacataagcctcacctcgtgaagaagcagcgccctcacctcgtaaagcggagtgtga	1644
Db	2220	GCCCTACACAGGCC-----CGTGATGGCTTGCCCTCCCTTAAATGGAATAAACTGGA	2273
Oy	1645	aaccatctgcgtgcgaagggccacatctcatctcctcgtgcggggagtatacctcgtg	1704
Db	2274	GACTATTTCGAGTCTACTGGAGAGATCTGTCTGTtTtTtGAGGAGTCTACTCTTTTC	2333
Oy	1705	ggccaagctgtgtaactctctgcgcgcgcacaglttcatatgtgatctgcatacagac	1764
Db	2334	CGAGGAGATTCAGATTTCtCGtGAGAGGCGGCGGTGATTAACACCCCTGTTGTGACACG	2393
Oy	1765	tactttgaaatcctctctcctgttccacagccctgctacagtggtgtcccaagtgcgtgt	1824
Db	2394	TACAGTGAATGCTTTCTTTCTTGCAAGTACAGTTCATCTGCGCACCGTGGTGTCTAC	2453
Oy	1825	tctctgcacatgagtggtatccctgcctcgtctgtgtctgcgtgtgctgtgcgtgcgtg	1884
Db	2454	TTTCAGCCACTCAAGAGATGTGGCTTTCATGtATTTCTCCtGGCCCTTGGGCTGGAGC	2513
Oy	1885	aacctgttcttataacagtgtgctccagcacacagcgcattcatagltcatgtacag	1944
Db	2514	AACATGCTCTACTACACCGCGGTTTCAGAGATGGGATGTATGCGGTATGATGATAG	2573
Oy	1945	aagtgatcctgcggagcctgcgtgcctcctctgtatctacttagtcttcccttgcgc	2004
Db	2574	AAGATGATCTCGANAGACCTGTCCTCTTCATGTTGTGTCATCATGCTGCTTTGCGGG	2633
Oy	2005	ttgcgttgaacctgcgtgagccgtgcagcgagggtctgtgcgccgaagcctctacagc	2064
Db	2634	TTTTCCACAGGGGGtGAGCCTGtATTTGAAGAGGGGAATAATGATCCCTGCGCTTAG	2693
Oy	2065	cccaatgccacagagtcaagtcagtcagcccatctgagagcaagaaagagcaagcgggcc	2124
Db	2694	TTCCAGTC-----GCACAGGTGGCGGGGCGCTGCTGAGGGCCCCCGATACG	2741
Oy	2125	cagtacaggggtactcctggaagccctctcttgagcttccaaatcacatcgcatgggc	2184
Db	2742	TCTCTAACACAGCGCTGTACTCCACTCTGCGAGAGCTTTCAAGTTCCACATGGCATGGGC	2801
Oy	2185	gagtgagccttcacagagcgagcgtcaactccgcgcatgtgtgtctgtctgtctggcc	2244
Db	2802	GACCTGAGTCTACTGTGAACATATGACTTCAGGCTGTTCATATCTCTGCTGGCC	2861
Oy	2245	taagtgtgtcaactcatctcgtctgtctcaacaagtcatctgcccctatgacgaagcc	2304
Db	2862	TATGTATTTCTCACCTACCTCTCTGCTCtACATGCTATGCGCTTATGGGTAGACT	2921
Oy	2305	gtcaacaagtctgcacatgcacgtgcagctgcgaatcttgaaagctgcagaaagcatctcttc	2364
Db	2922	GTCAACAAGATCGCACAGGAGACCAAGAACATGTGAAGCTCAAGAGGACCATCACTTC	2981
Oy	2365	cttgagatgtgaaatgtctattgtgtgtgcaggaagaag---cagcgggcaggtgtgtgt	2421
Db	2982	CTGGAACGGAGAAAGACTTCTTAAGTGCATATGAGAAAGCCTTCCGCTCACGCAAGCTG	3041
Oy	2422	cttgacgcttgacactaagccagatgcagcccggaatgagcgtgtgtctcaaggtttag	2481
Db	3042	CTGAGGTGGGCTACACACTGATGGCCAAAGACGACTACCGGTGGTGTCTCAAGGGTGGAC	3101

OY	2482	gaggtgaactggccttcattgtagacgaagcgtgcctaagctgtgttgagaccg	2535
Db	3102	GAGGTGAACCTGGACCACTGGAACACCACAACGTGGGCATCATCAACGAAGACCG	3155

RESULT 4
US-08-728-323A-1/c
: Sequence 1, Application US/08728323A

; GENERAL INFORMATION:

APPLICANT: Bohenz

APPLICANT: RUSSO, JAMES

APPLICANT: MOORE,

TITLE OF INVENTION

[illegible]

CORRESPONDENCE ADDRESS

STREET: 1185 Ave

CLT: NEW YORK

COUNTRY: U.S.A.

COMPTON READABLE
 JUL 1 1980

MEDIUM TYPE: FL

OPERATING SYSTEM

CURRENT APPLICATIONS

APPLICATION NUMBER

CLASSIFICATION:

NAME: White, JC

REGISTRATION NUMBER

TELECOMMUNICATION ;

TELEFAX: 212-30

; INFORMATION FOR SED
 INFORMATION FOR SED

; LENGTH: 3489 ba

STRANDEDNESS.

TOPOLOGY: linear

FEATURE:

LOCATION: 1 34

05-08-128-323A-1

Best local similarity

Matches 181; Counsel

QY 1650 catqctqctqacc

Db 2333

[illegible]

1770 tgaatcctctc
QY

Db 2203 GCTCATCCTGCTG

1930 220034-00000+00

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1      RESULT      4
2      US-08-728-323A-1/c
3      : Sequence 1, Application US/08728323A
4      : Patent No. 5948676
5      :
6      : GENERAL INFORMATION:
7      :
8      : APPLICANT: Chang, Yuan
9      : APPLICANT: Bohenzky, Roy A.
10     : APPLICANT: Russo, James J.
11     : APPLICANT: Edelman, Isidore S.
12     : APPLICANT: Moore, Patrick S.
13     :
14     : TITLE OF INVENTION: Immediate Early Protein From Kaposi's
15     : TITLE OF INVENTION: Sarcoma-Associated Herpesvirus, DNA
16     : TITLE OF INVENTION: Encoding Same And Uses Thereof
17     : NUMBER OF SEQUENCES: 21
18     :
19     : CORRESPONDENCE ADDRESS:
20     :
21     : ADDRESSEE: Cooper & Dunham LLP
22     : STREET: 1185 Avenue of the Americas
23     : CITY: New York
24     : STATE: New York
25     : COUNTRY: U.S.A.
26     : ZIP: 10036
27     :
28     : COMPUTER READABLE FORM:
29     : MEDIUM TYPE: Floppy disk
30     : COMPUTER: IBM PC compatible
31     : OPERATING SYSTEM: PC-DOS/MS-DOS
32     : SOFTWARE: Patent In Release #1.0, Version #1.30
33     :
34     : CURRENT APPLICATION DATA:
35     : APPLICATION NUMBER: US/08/728,323A
36     : FILING DATE:
37     :
38     : CLASSIFICATION: 435
39     : ATTORNEY/AGENT INFORMATION:
40     :
41     : NAME: White, John P.
42     : REGISTRATION NUMBER: 28,678
43     : REFERENCE/DOCKET NUMBER: 0575/52268/JPM/MSC/SKS
44     : TELECOMMUNICATION INFORMATION:
45     : TELEPHONE: 212-278-0400
46     : TELEFAX: 212-391-0525
47     :
48     : INFORMATION FOR SEQ ID NO: 1:
49     : SEQUENCE CHARACTERISTICS:
50     : LENGTH: 3489 base pairs
51     : TYPE: nucleic acid
52     : STRANDEDNESS: single
53     : TOPOLOGY: linear
54     :
55     : MOLECULE TYPE: DNA (genomic)
56     :
57     : FEATURE:
58     : NAME/KEY: CDS
59     : LOCATION: 1..3489
60     :
61     : US-08-728-323A-1

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Query Match	2.1%	Score 58.6	DB 2	Length 3489
Best Local Similarity	47.0%	Pred. No. 0	00062	
Matches	181	Conservative	0	Mismatches 204; Indels 0; Gaps 0;
QY	1650	catgctgctgaagggccacatcctatcctgtagagggagatacactcctcgtgagcca	1709	
Db	2233	cctgcgtccgtgctccctgtaactcctctgctcctgctccctgctgctgctcctgct	2264	
QY	1770	gctgtggtacctctbaggagcgccaaagtgttattcctcggatctccgtctatagaagaactact	1769	
Db	2263	gctcctggtatcattccgctgctgctgctgctgctgctgctgctgctgctgctgctgct	2204	
QY	1770	tgaactctctctctctctctctccagagccctctcatcaagttgtctccagagctgctgttctct	1839	
Db	2203	gctcattctcgtcgtcgtcgtcgtcgtcgtcgtcgtcgtcgtcgtcgtcgtcgtcgtcgt	2144	
QY	1830	ggccatcagatgtgtacctgctgcccctgtctgtgtgtctgtcgctgtgtgtgtgtgtgtgt	1889	

Accession	Sequence	Year
Dp 2143	GCCTCTCTCTGCTATCCTCTGCTGCTGCTATCCGTCGTCGTCATCCTCTCTCT	2088
QY 1890	GCTTACTATACACGCTGCTTCACAGACACACAGGACATCAAGTGCATGATCCAGAAAGT	1949
Dp 2083	GCCTATCTCTGCTGCTGCTATCCTGCTGCTGCTCATCCGTCGTCGTCATCCTCTCTCT	2024
QY 1950	CATCCGTCGGACCTGCTGCTCTCTCTGATCACTACTAGTCTTCTCTTCGCTCGC	2009
Dp 2023	GCCTATCTCTCTGCTGCTGCTATCCTGCTGCTGCTCATCCGTCGTCGTCATCCTCTCTCT	1964
QY 2010	TGTAGCCCTGTGAGCCGTGAGCCAG	2034
Dp 1963	GCCTATCTCTCTGCTGCTGCTATCCTCTG	1939

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RESULT 5
US-08-770-379-20
: Sequence 20, Application US/08770379
: Patent No. 5849564
GENERAL INFORMATION:
APPLICANT: Chang, Yuan
APPLICANT: Bohenzky, Roy A.
APPLICANT: Russo, James J.
APPLICANT: Edelman, Isidore S.
APPLICANT: Moore, Patrick S.
TITLE OF INVENTION: POLYPEPTIDES FROM KAPOSI'S SARCOMA-ASSOCIATED
: TITLE OF INVENTION: HERPESVIRUS, DNA ENCODING SAME AND USES THEREOF
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/770,379
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 53342
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 278-0400
TELEFAX: (212) 391-0525
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 32207 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-770-379-20

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Query Match	2.1%	Score 58.6	DB 2	Length 32207
Best Local Similarity	47.0%	Pred. No. 0.0013		
Matches 181	Conservative	0	Mismatches 204	Indels 0
QY 1650	catgtctgctgaagggccacatcctatcctcgttagggggagctaccctctgtggcca	1709		
Db 19674	CTGTCTCTGCTCCTCTTACTCTCTGCTCTCTCTCTCTCTCTCTCTCTCTGCT	19733		
QY 1710	gctgtgtgactctctggagggcgccagtgctacatcggatccgttatagaacgtaactt	1769		
Db 19734	GCTCTGTTCATCTCTGCTGCTCTGCTCTATCTCTGCTCTGCTCTCTATCTCTGCTGCT	19793		

Oy	1770	tgaaatcctcttcctggtccaaagccctcacaagtgtgtccaaagtgtgttccct	1829
Db	19794	GCTATTCCTGCGTGGCGTGCATCACCCTGCTGCTGTGTGTCATACCGTGTGCTATCCT	19853
Oy	1830	ggccatcgagtgtaacctgcgccctgtctgtgtctgcgtgtgtgtggctgtggaacct	1889
Db	19854	GCTGTCCTCGTCATCCGTCGTCCTCTGTCATCCCTGTCGTCGTCATCCCTCTGCT	19913
Oy	1890	gcttactatatacagtggtctccacagacaaagpatctacaagtgcacgatccagaagt	1949
Db	19914	GCTATTCCTGCTGCTGCATCACCCTGCTGCTGTATCCGTGCGTGCATCACCCTGCTGT	19973
Oy	1950	catctctgaggaaacctgtgcgtctccctctctgatactactagctcttcctttcgcttcg	2009
Db	19974	GCTCATTCCTGTCGTCATCACCCTGCTGCTCATCCTGTCGTCATCCTGCTGT	20033
Oy	2010	tgtagacctgtgtgagccttgagccag	2034
Db	20034	GCTCATCCTGCTGCTGCATCACCCTG	20058

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RESULT 6
US-08-757-669A-20
: Sequence 20, Application US/08757669A
: Patent No. 6183751
:
: GENERAL INFORMATION:
:
: APPLICANT: Chang, Yuan
: APPLICANT: Bohenzky, Roy A.
: APPLICANT: Russo, James J.
: APPLICANT: Edelman, Isidore S.
: APPLICANT: Moore, Patrick S.
: TITLE OF INVENTION: UNIQUE ASSOCIATED KAPOSI'S SARCOMA VIRUS
: TITLE OF INVENTION: SEQUENCES AND USES THEREOF
: NUMBER OF SEQUENCES: 20
:
: CORRESPONDENCE ADDRESSES:
: ADDRESS: Cooper & Dunham LLP
: STREET: 1185 Avenue of the Americas
: CITY: New York
: STATE: New York
: COUNTRY: U.S.A.
: ZIP: 10036
:
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patent Release #1.0, Version #1.30
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/757,669A
: FILING DATE:
:
: CLASSIFICATION: 424
: ATTORNEY/AGENT INFORMATION:
: NAME: White, John P.
: REGISTRATION NUMBER: 28,678
: REFERENCE/DOCKET NUMBER: 45185-F
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (212) 278-0400
: TELEFAX: (212) 391-0525
:
: INFORMATION FOR SEQ ID NO: 20:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 32207 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: double
: TOPOLOGY: linear
:
: MOLECULE TYPE: DNA (genomic)
:
: US-08-757-669A-20

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Query Match	2.1%;	Score 58.6;	DB 4;	Length 32207;
Best Local Similarity	47.0%;	Pred. No. 0.0013;		
Matches 181;	Conservative 0;	Mismatches 204;	Indels 0;	Gaps 0;
Oy 1550	catgctgctgaagggccacatcccttatctctgtagggggatcatcacctctctgtggcca	1709		


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?      OPERATING SYSTEM: Apple Operating System 7.1
?      SOFTWARE: Microsoft Word for Apple, Version 5.1a
?
?      CURRENT APPLICATION DATA:
?      APPLICATION NUMBER: US/08/300_903A
?      FILING DATE: 06-SEPTEMBER-1994
?      CLASSIFICATION: 435
?      PRIOR APPLICATION DATA:
?      APPLICATION NUMBER: USSN 08/236,919
?      FILING DATE: 06-MAY-1994
?      CLASSIFICATION: 435
?      ATTORNEY/AGENT INFORMATION:
?      NAME: Perkins, Patricia Anne
?      REGISTRATION NUMBER: 34,695
?      REFERENCE/DOCKET NUMBER: 2822-A
?      TELECOMMUNICATION INFORMATION:
?      TELEPHONE: 206-587-0430
?      TELEFAX: 206-233-0644
?      INFORMATION FOR SEQ ID NO.: 8 :
?      SEQUENCE CHARACTERISTICS:
?          LENGTH: 1641 base pairs
?          TYPE: nucleic acid
?          STRANDEDNESS: single
?          TOPOLOGY: linear
?      MOLECULE TYPE: cDNA
?      HYPOTHETICAL: NO
?      ANTI-SENSE: NO
?      FEATURE:
?      NAME/KEY: CDS
?      LOCATION: 3..839
US-08-300-903A-8

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RESULT 10
US-08-727-688-4
Sequence 4, Application US/08727688
Patent No. 5919638
GENERAL INFORMATION:
APPLICANT: Russell, John C.
TITLE OF INVENTION: Reagents and Methods for Detecting Prostate Tumors
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSEE: Abbott Laboratories
STREET: 100 Abbott Park Road D377/APeD
CITY: Abbott Park
STATE: IL
COUNTRY: USA
ZIP: 60064
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/727,688
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:

; PATENT NO. 570815/
 ;
 ; GENERAL INFORMATION:
 ;
 ; APPLICANT: Jacobs, Kenneth
 ;
 ; APPLICANT: McCoy, John

```

1  APPLICANT: Lavallie, Edward
2  APPLICANT: Racie, Lisa
3  APPLICANT: Merberg, David
4  APPLICANT: Treacy, Maurice
5  APPLICANT: Evans, Cheryl
6  APPLICANT: Spaulding, Vikki
7  TITLE OF INVENTION: SECRETED PROTEINS AND POLYNUCLEOTIDES
8  TITLE OF INVENTION: ENCODING THEM
9  NUMBER OF SEQUENCES: 71
10 CORRESPONDENCE ADDRESS:
11 ADDRESSEE: Genetics Institute, Inc.
12 STREET: 87 Cambridgepark Drive
13 CITY: Cambridge
14 STATE: Massachusetts
15 COUNTRY: U.S.A.
16 ZIP: 02140
17
18 COMPUTER READABLE FORM:
19 MEDIUM TYPE: Floppy disk
20 COMPUTER: IBM PC compatible
21 OPERATING SYSTEM: PC-DOS/MS-DOS
22 SOFTWARE: Patentin Release #1.0, Version #1.30
23
24 CURRENT APPLICATION DATA:
25 APPLICATION NUMBER: US/08/686, 878A
26 FILING DATE:
27 CLASSIFICATION: 536
28
29 ATTORNEY/AGENT INFORMATION:
30 NAME: Brown, Scott A.
31 REGISTRATION NUMBER: 32,724
32 TELECOMMUNICATION INFORMATION:
33 TELEPHONE: (617) 498-8224
34 TELEFAX: (617) 876-5651
35
36 INFORMATION FOR SEQ ID NO: 34:
37 SEQUENCE CHARACTERISTICS:
38 LENGTH: 216 base pairs
39 TYPE: nucleic acid
40 STRANDEDNESS: double
41 TOPOLOGY: linear
42
43 MOLECULE TYPE: CDNA
44
45 US-08-686-878A-34

```

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Query Match          1.8%; Score 51.2; DB 1; Length 216;
Best Local Similarity 87.5%; Pred. NO.0.01;
Matches 56; Conservative 0; Mismatches 8; Indels 0; Gaps 0

QY      2746 caatatatattttcactcaacaaaaaaaaaaaaaaaaaaaaaaa 2805
           | |||| | |||| | |||| | |||| | |||| | |||| | ||||
Db       147 CCAATTAATTTTTGGTTACTAAAAAAAAAAAAAAAAAAAAAAAAA 206

QY      2806 aaa 2809
           |||
Db       207 AAAA 210

RESULT 15
US-07-602-608-1
: Sequence 1, Application US/07602608
: Patent No. 5382524
: GENERAL INFORMATION:
: APPLICANT: Desnick, Robert J.
: APPLICANT: Bishop, David F.
: APPLICANT: Ioannou, Yiannis A.
: APPLICANT: Wang, Anne M.
: TITLE OF INVENTION: CLONING AND EXPRESSION OF BIOLOGICALLY
: TITLE OF INVENTION: ACTIVE ALPHA-N-ACETYLGLACTOSAMINIDASE
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSEE: PENNIE & EDMONDS
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036

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1: COMPUTER READABLE FORM:
2:
3: MEDIUM TYPE: Floppy disk
4:
5: COMPUTER: IBM PC compatible
6: OPERATING SYSTEM: PC-DOS/MS-DOS
7: SOFTWARE: PatentIn Release #1.0, Version #1.25
8:
9: CURRENT APPLICATION DATA:
10:
11: APPLICATION NUMBER: US/07/602,608
12:
13: FILING DATE: 24-OCT-1990
14:
15: CLASSIFICATION: 435
16:
17: ATTORNEY/AGENT INFORMATION:
18:
19: NAME: Coruzzi, Laura A.
20:
21: REGISTRATION NUMBER: 30,742
22:
23: REFERENCE/DOCKET NUMBER: 6923-008
24:
25: TELECOMMUNICATION INFORMATION:
26:
27: TELEPHONE: (212) 790-9090
28:
29: TELEFAX: (212) 869-8864/9741
30:
31:
32: TELEX: 66141 PENNIE
33:
34: INFORMATION FOR SEQ ID NO: 1:
35:
36: SEQUENCE CHARACTERISTICS:
37:
38: LENGTH: 2158 base pairs
39:
40: TYPE: nucleic acid
41:
42: STRANDEDNESS: double
43:
44: TOPOLOGY: unknown
45:
46: MOLECULE TYPE: CDNA
47:
48: FEATURE:
49:
50: NAME/KEY: CDS
51:
52: LOCATION: 345..1580
53:
54:
55: US-07-608-1

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Db	2063	TCAGTCACCAATTAACCTGTTCTTTAA	CAAAAAAAAAAAAAAAAAAAAAAAAAA	2122					
QY	2798	aaaaaaaaaaaaa	2809						
Db	2123	AAAAAAAAAAAAA	2134						

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